Claim 1.

1. A drum system comprising, in combination:

a drum shell of generally cylindrical configuration;

a drum head of generally flat circular configuration and being adapted to rest upon the upper extremity of the shell;

a ring shaped rim fitted over the outer circumference of the head, the cooperating surfaces of the shell and head being such that depressing the rim downwardly tends to increase lateral tension in the head;

a tensioning rod having an upper end rotatably supported from a point on the circumference of the rim, and a threaded lower end;

a lug assembly secured on the outer surface of the shell adjacent the lower end of the tensioning road and rotatable about a horizontal axis that extends radially relative to the shell;

the lug assembly having a lug body with an upwardly directed opening adapted to receive the lower end of the tensioning rod;

the lug body also having a transverse opening that intersects the top opening in a mutually perpendicular relationship;

a cross-pin disposed within the transverse opening and movable both rotatably and longitudinally relative thereto;

the cross-pin having a threaded transverse opening engageable by the threaded lower end of the tensioning; and

the top opening in the lug body being of greater dimension than the threaded lower end of the tensioning rod in directions both perpendicular to and parallel to the adjacent surface of the shell.

Claim 2.

2. A drum head securement device comprising:

a tensioning rod adapted to extend downwardly through a hole in a drum head rim, having a flange on its upper end to maintain its vertical position relative to the rim, its upper end above the flange being also wrench engageable for rotation relative to the rim, and the rod also being threaded on its lower end;

a lug body having a flat surface adapted to engage the outer surface of a drum shell, and a spud projecting from its flat surface for insertion into and through an opening in the shell;

a fastening screw for securing the spud inside the shell, the lug thereby being rotatably adjustable about the longitudinal axis of the spud;

the lug body having a transverse side opening and an upwardly directed top opening that intersect and are mutually perpendicular; a cross-pin disposed within the side opening of the lug body and movable both rotatably and longitudinally relative thereto;

the cross-pin having a threaded transverse opening engageable by the threaded lower end of the tensioning rod so that the tensioning rod may be driven in rotation to tighten it and hence depress an associated radial edge of the head; and

the top opening in the lug body being of greater dimension than the lower end of the tensioning rod in directions both perpendicular to and parallel to the adjacent surface of the shell, whereby the lower end of the tension rod may either twist in a vertical plane perpendicular to the adjacent surface of the drum shell, or may move laterally in a plane parallel to the drum shell surface.

Claim 3.

3. A method of securing a drum head in which a plurality of securement devices are each provided with two metal parts, one of which is attached to the drum shell and the other to the lower end of a tensioning rod, and an elastomeric member mounted between the parts at least partially shields the vibrations of the tensioning rod from the drum shell.